

R E M A R K S

Claims 1-29 were rejected, and claims 30-32 were objected to. Claims 1-29 are canceled herein to expedite prosecution.

The drawing was objected to for failing to show a  $V\%$ . This problem arose from an unnoticed printer problem where all of the equations in the specification that included the variable  $\tilde{V}$  and correctly appeared on the computer's monitor printed on the page incorrectly. The printer has since been replaced, and the instant amendment corrects the specification. By this correction, the objection to the drawing is overcome.

As to the objection to claim 30 because the number of filter banks, P, is not explicitly defined to be an integer, applicant respectfully traverses. Applicant respectfully submits that a number of items is always an integer, and no person (skilled artisan or otherwise) would ever think otherwise. Even if the Examiner believes that logically the variable P may be a floating number, a rejection is still not appropriated, unless art is found that merit rejecting the claim.

In light of the above amendments and remarks applicants respectfully submit that all of the Examiner's objections and rejections have been overcome. Reconsideration and allowance are respectfully solicited.

Dated: 6/16/05

Respectfully,  
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By 

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